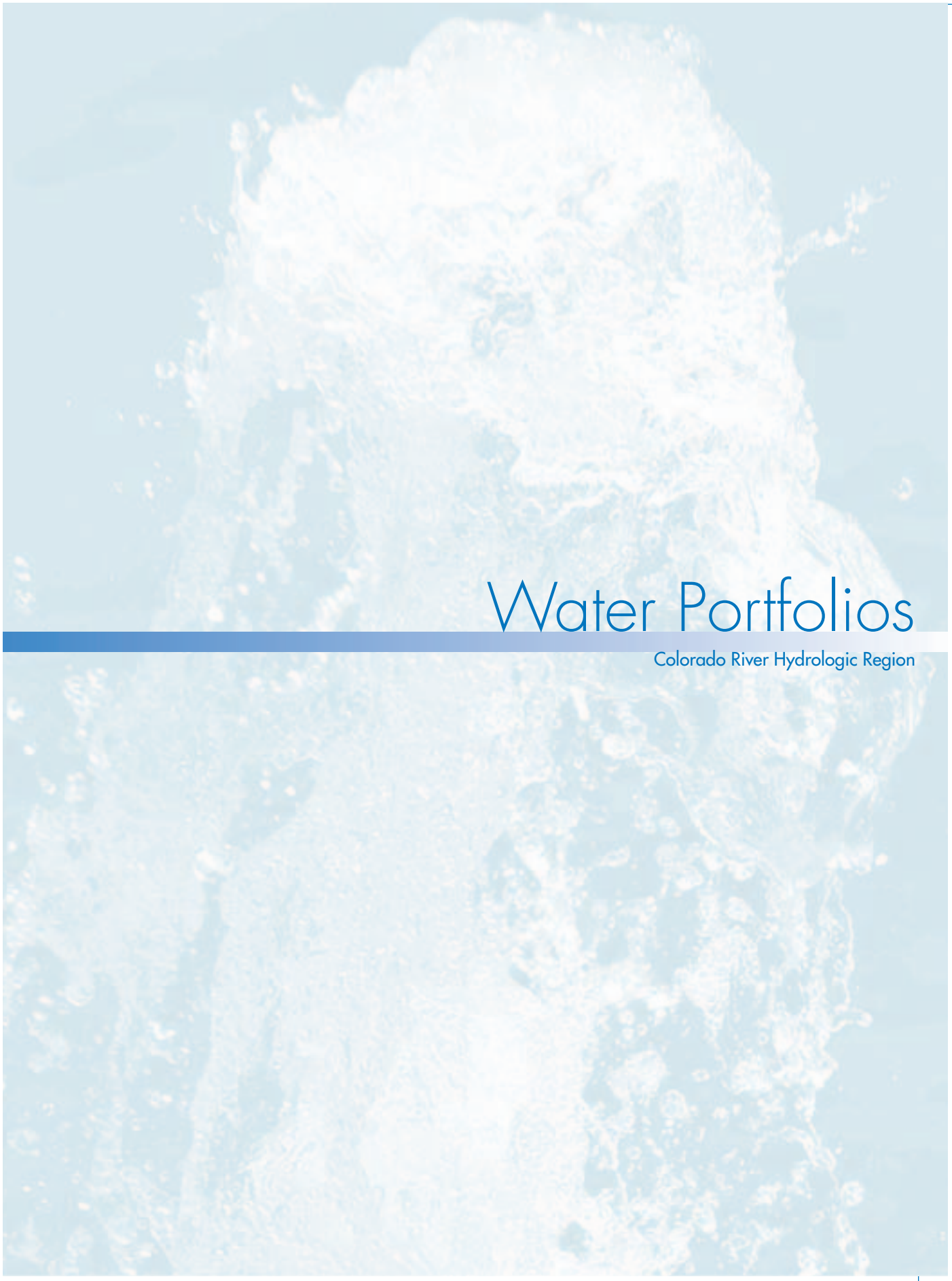


Water Portfolios

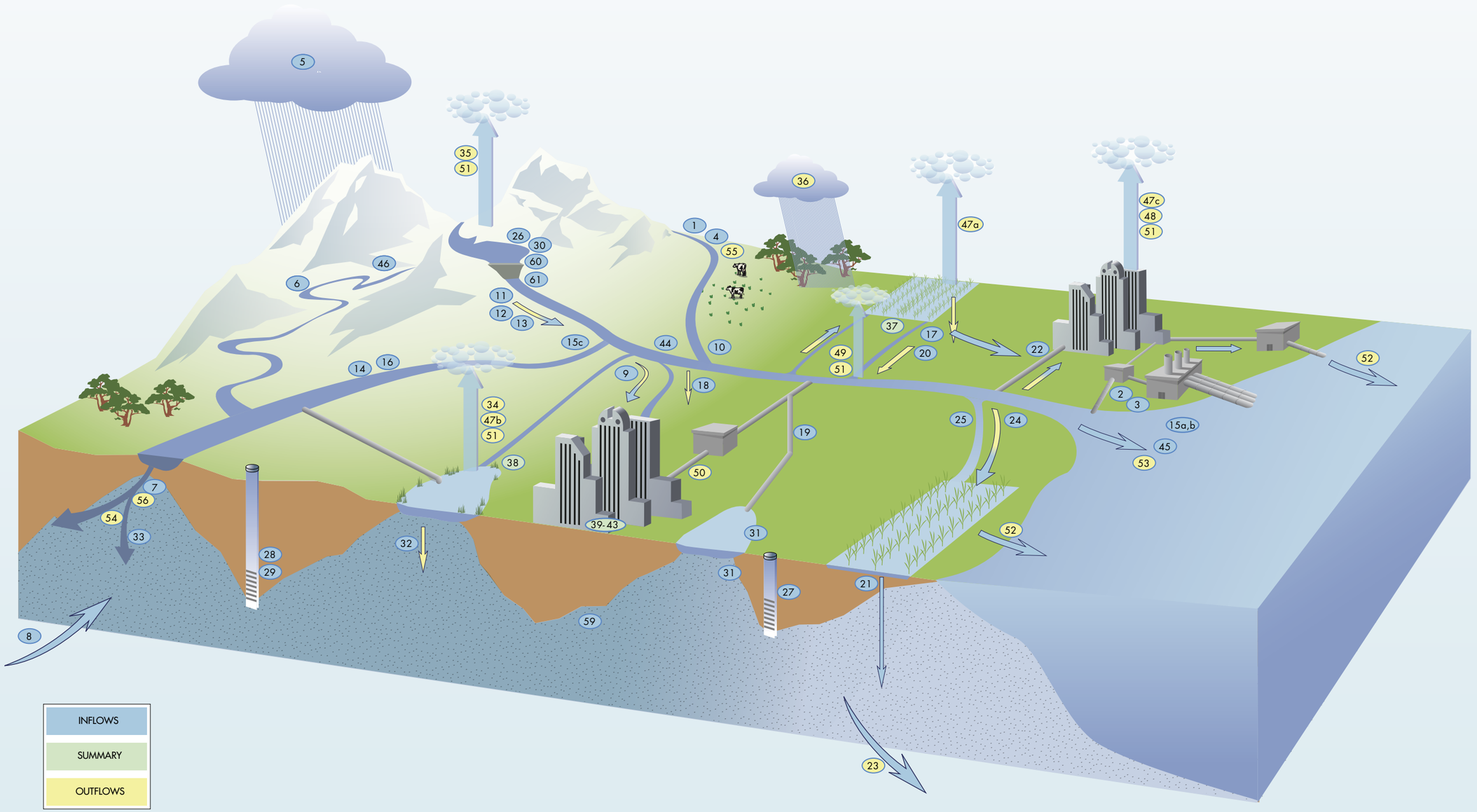
Colorado River Hydrologic Region

Table 11-10 Colorado River region water portfolio (TAF)

ID Number:	Flow Diagram Component (see legend)	Colorado River 1998	Colorado River 2000	Colorado River 2001
1	Colorado River Deliveries	3,905.1	4,053.0	3,946.6
2	Total Desalination	-	-	-
3	Water from Refineries	-	-	-
4a	Inflow From Oregon	-	-	-
b	Inflow From Mexico	182.4	165.6	154.7
5	Precipitation	9,454.8	3,033.9	4,769.9
6a	Runoff - Natural	N/A	N/A	N/A
b	Runoff - Incidental	N/A	N/A	N/A
7	Total Groundwater Natural Recharge	N/A	N/A	N/A
8	Groundwater Subsurface Inflow			N/A
9	Local Deliveries	6.6	6.3	4.0
10	Local Imports	-	-	-
11a	Central Valley Project :: Base Deliveries	-	-	-
b	Central Valley Project :: Project Deliveries	-	-	-
12	Other Federal Deliveries	-	-	-
13	State Water Project Deliveries	156.4	100.6	24.1
14a	Water Transfers - Regional	-	-	-
b	Water Transfers - Imported	-	-	-
15a	Releases for Delta Outflow - CVP			
b	Releases for Delta Outflow - SWP			
c	Instream Flow Applied Water	-	-	-
16	Environmental Water Account Releases	-	-	-
17a	Conveyance Return Flows to Developed Supply - Urban	-	-	-
b	Conveyance Return Flows to Developed Supply - Ag	-	-	-
c	Conveyance Return Flows to Developed Supply - Managed Wetlands	-	-	-
18a	Conveyance Seepage - Urban	-	-	-
b	Conveyance Seepage - Ag	-	-	-
c	Conveyance Seepage - Managed Wetlands	-	-	-
19a	Recycled Water - Agriculture	-	-	-
b	Recycled Water - Urban	16.1	17.2	17.9
c	Recycled Water - Groundwater	-	-	-
20a	Return Flow to Developed Supply - Ag	-	-	-
b	Return Flow to Developed Supply - Wetlands	-	-	-
c	Return Flow to Developed Supply - Urban	-	-	-
21a	Deep Percolation of Applied Water - Ag	47.8	48.8	44.6
b	Deep Percolation of Applied Water - Wetlands	-	-	-
c	Deep Percolation of Applied Water - Urban	109.4	161.6	168.4
22a	Reuse of Return Flows within Region - Ag	130.8	133.5	135.3
b	Reuse of Return Flows within Region - Wetlands, Instream, W&S	-	-	-
24a	Return Flow for Delta Outflow - Ag	-	-	-
b	Return Flow for Delta Outflow - Wetlands, Instream, W&S	-	-	-
c	Return Flow for Delta Outflow - Urban Wastewater	-	-	-
25	Direct Diversions	N/A	N/A	
26	Surface Water in Storage - Beg of Yr	580.8	585.4	566.9
27	Groundwater Extractions - Banked	-	-	-
28	Groundwater Extractions - Adjudicated	-	-	-
29	Groundwater Extractions - Unadjudicated	387.0	416.3	408.8
23	Groundwater Subsurface Outflow	N/A	N/A	N/A
30	Surface Water Storage - End of Yr	566.3	566.9	568.3
31	Groundwater Recharge-Contract Banking	-14.7	-59.2	-8.9
32	Groundwater Recharge-Adjudicated Basins	-	-	-
33	Groundwater Recharge-Unadjudicated Basins	-	-	-
34a	Evaporation and Evapotranspiration from Native Vegetation	N/A		N/A
b	Evaporation and Evapotranspiration from Unirrigated Ag	N/A		N/A
35a	Evaporation from Lakes	1555.5	1552.5	1552.4
b	Evaporation from Reservoirs	120	121.5	120.6
36	Ag Effective Precipitation on Irrigated Lands	146.6	14.1	76.2
37	Agricultural Water Use	3,531.8	3,674.6	3,561.7
38	Managed Wetlands Water Use	31.6	30.2	29.6
39a	Urban Residential Use - Single Family - Interior	144.2	154.6	123.1
b	Urban Residential Use - Single Family - Exterior	57.1	55.8	67.4
c	Urban Residential Use - Multi-family - Interior	25.9	15.7	36.0
d	Urban Residential Use - Multi-family - Exterior	8.1	3.3	7.7
40	Urban Commercial Use	71.4	123.5	145.0
41	Urban Industrial Use	3.3	4.6	4.6
42	Urban Large Landscape	156.9	148.8	122.4
43	Urban Energy Production	76.7	76.7	76.7
44	Instream Flow	-	-	-
45	Required Delta Outflow	-	-	-
46	Wild and Scenic Rivers	-	-	-
47a	Evapotranspiration of Applied Water - Ag	2560.4	2627.3	2548.45
b	Evapotranspiration of Applied Water - Managed Wetlands	31.6	30.2	29.6
c	Evapotranspiration of Applied Water - Urban	222.102	207.9	196.48
48	Evaporation and Evapotranspiration from Urban Wastewater	-	-	-
49	Return Flows Evaporation and Evapotranspiration - Ag	80.3	86.8	83.5
50	Urban Waste Water Produced	61.9	67.6	69.2
51a	Conveyance Evaporation and Evapotranspiration - Urban	13.91	14.42	14.6
b	Conveyance Evaporation and Evapotranspiration - Ag	64	64	64
c	Conveyance Evaporation and Evapotranspiration - Managed Wetlands	-	-	-
d	Conveyance Outflow to Mexico	N/A	N/A	
52a	Return Flows to Salt Sink - Ag	997.9	1053.5	1026.7
b	Return Flows to Salt Sink - Urban	187.39	198.28	201
c	Return Flows to Salt Sink - Wetlands	-	-	-
53	Remaining Natural Runoff - Flows to Salt Sink	-	-	-
54a	Outflow to Nevada	-	-	-
b	Outflow to Oregon	-	-	-
c	Outflow to Mexico	-	-	-
55	Regional Imports	4,986.0	5,349.0	5,197.0
56	Regional Exports	1081	1296	1250
59	Groundwater Net Change in Storage	-88.1	-164.5	-180.6
60	Surface Water Net Change in Storage	-14.5	-18.5	1.4
61	Surface Water Total Available Storage	620.4	620.4	620.4

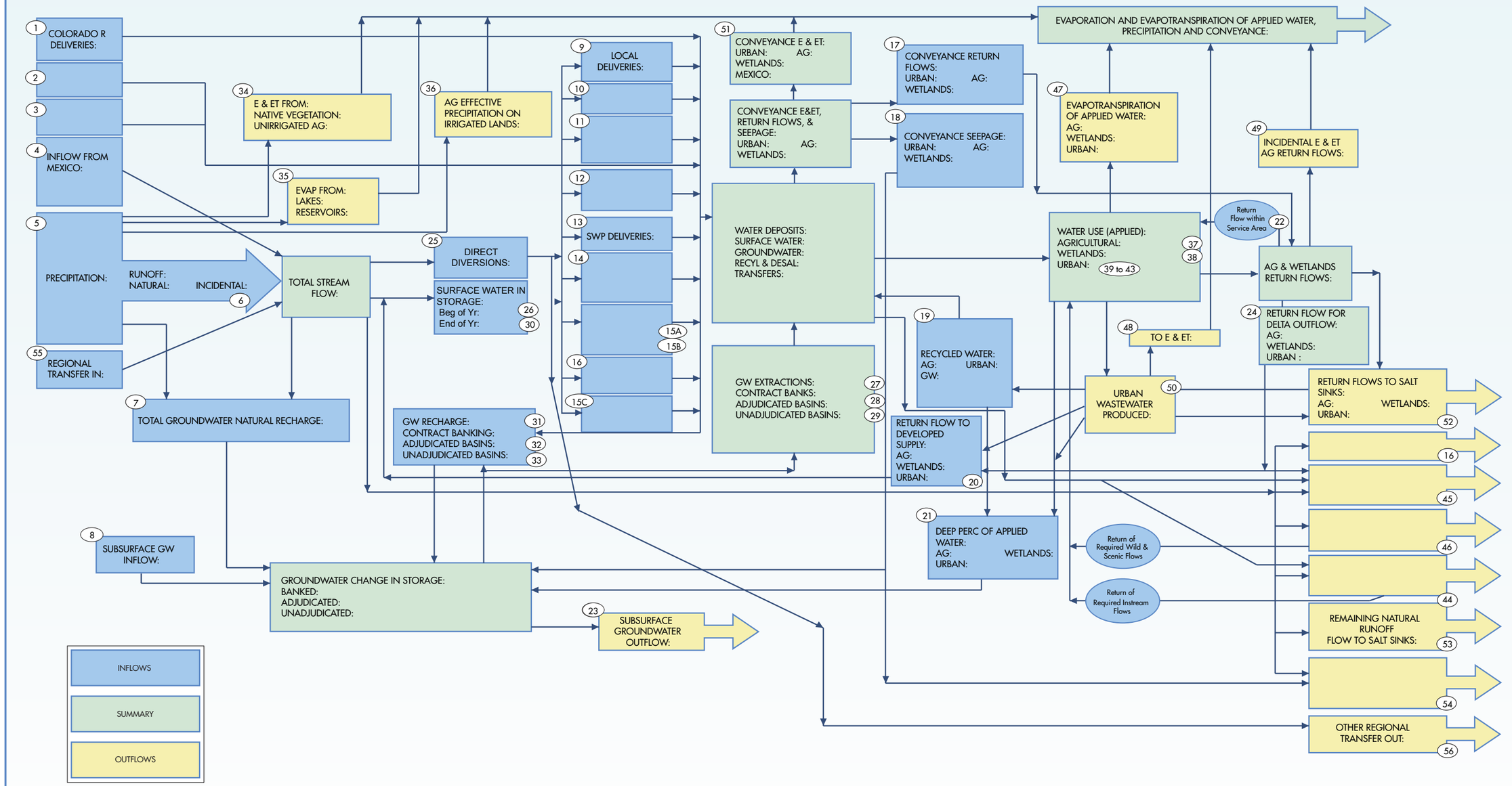
Inflows Outflows Green number signifies included in summary boxes

Figure 11-4 Colorado River region - illustrated water flow diagram



In this illustration of Table 11-10, key components of the flow diagram are shown as characteristic elements of the hydrologic cycle. Circled numbers correspond to the identification number of flow diagram components in the table; its color indicates whether the component is water input, output, or summary.

Figure 11-5 Colorado River region - schematic flow diagram



In schematic of Table 11-10, key components of the flow diagram are shown as boxes and connectors in a flow chart. Circled numbers correspond to the identification number of flow diagram components in the table; box color indicates whether the component is water input, output, or summary. Blank boxes are flow diagram components not relevant to the region.